

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

INTERAGENCY AND INTERGOVERNMENTAL SUPPORT (IIS) PROGRAM

ANNUAL REPORT FISCAL YEAR 97

I. INTRODUCTION

This report summarizes the Interagency and Intergovernmental Support (IIS) program, executed by the Department of the Army, Corps of Engineers (Corps), which provides assistance to non-Department of Defense (DOD) entities. The following sections include: a background summary of the program; an explanation of policies and procedures that guide the program; a brief description of program activities; summary tables of the FY 97 and FY 98 programs; and a list of acronyms. In this report, programs and projects are categorized by Federal agencies; state, local, territorial and tribal governments; private firms; and international organizations. This report summarizes approximately \$760 million of reimbursable support accomplished in Fiscal Year (FY) 97 and an estimated \$800 million of reimbursable support to be accomplished in FY 98.

II. BACKGROUND

A. The IIS program is the Corps non-DOD reimbursable support program. Most of our customers are Federal agencies who account for approximately 96 percent of the total workload funding. Other customers include state, local, territorial, tribal and foreign governments; international organizations; and U.S. firms overseas. Under the IIS program, the Corps provides quality engineering, environmental, construction management, real estate, research and development and other related services.

B. As Federal agencies downsize and reduce their engineering capability, the Corps IIS program provides these agencies with the opportunity to consider using Corps management and technical expertise. This ensures continuity of Federal oversight on agency projects and programs. The customers we support provide full funding for the effort, and retain control and legal responsibility for their program. The Corps executes within the terms of a given scope of work, agreed upon between the non-DOD Federal agency and the Corps, helping to ensure quality and timely project completion within an established budget.

C. Supporting others enables the Corps to maintain and enhance its capabilities. The diversity of work allows us to apply design and construction expertise in new and innovative ways. This serves to expand our skill base, thus strengthening our ability to carry out traditional civil works and military roles.

D. The Corps surveys its customers to measure their satisfaction with responsiveness, quality, cost and timeliness. In general, our customers indicate a high level of satisfaction with our performance.

E. The Office of Management and Budget (OMB) recognizes the value of the work performed by the Corps under the IIS program. It supports the program by providing full-time-equivalent (FTE) resources specifically for this mission. The Administration considers the IIS program an example of a business-like practice and supports it in the National Performance Review with the recommendation to “maximize the use of the Corps planning, engineering and contract management capabilities in support of other Federal agency programs”.

III. POLICY AND PROCEDURES

A. Our goal is to apply our capabilities to assist others in the execution of their missions; not to take away their work. Many agencies do not possess technical expertise to fulfill the in-house engineering needs of their programs. Furthermore, many do not have the staff to effectively manage environmental, engineering or construction work being conducted by private firms under contract. The Corps can fill that void.

B. The Corps will not commit to support a customer without making certain that adequate resources and technical skills are available to ensure absolute customer satisfaction.

C. The Corps negotiates an interagency agreement (IA) or memorandum of agreement (MOA) with the customer before starting work. These agreements include, but are not limited to, a scope of work, lines of communication, reporting procedures, and identification of roles and responsibilities. The customer’s needs are the main focus when developing and tailoring the agreements. Additionally, there is no obligation under the agreements for our customers to provide work to the Corps. It is at the customer’s discretion. This provides an extra incentive for the Corps to provide quality service.

D. Our main objective is to conduct the IIS program in partnership, not in competition, with the private sector. We rely heavily on the talents of private firms to execute the IIS mission. The Corps functions as an extension of the agency’s staff providing Federal presence and government oversight to protect the taxpayers' interests. This capability can relieve the agency of the burden of hiring and training specialists to perform these functions. In this respect, the Corps offers proven Federal contract management experience and effectiveness to assist other agencies in the execution of their missions.

IV. DESCRIPTION OF THE FY 97 AND FY 98 PROGRAMS

A. FEDERAL DEPARTMENTS AND INDEPENDENT AGENCIES

Department of Agriculture (DOA)

Agricultural Research Service (ARS)

The Jacksonville District (SAJ) completed the 95 percent design of the Melaleuca Quarantine Facility (MQF), a high-tech research and development facility. Total expenditures based on work accomplished in FY 97 for MQF were \$104K. Total expenditures in FY 98 are estimated at \$250K to upgrade specifications to current building codes.

Commodity Credit Corporation (CCC)

CCC is responsible for cleaning up contamination caused by its former grain-storage facilities. We are designing and constructing alternative drinking water systems and cleanup operations for a carbon tetrachloride contaminated aquifer. In FY 97, the Omaha District (NWO) completed the design of two water supply wells and appurtenant structures to supply potable water to Hordville, NE. In FY 98, NWO will advertise and award a contract for the construction of the project. Total expenditures based on work accomplished in FY 97 for CCC were \$190K. Total expenditures in FY 98 are estimated at \$295K.

Consolidated Farm Service Agency (CFSA)

The Corps assists CFSA with remediating contaminated properties acquired through foreclosures and bankruptcies. The Corps works at different farm sites, removing underground storage tanks (USTs) and containers of pesticides and herbicides, as well as cleaning up the contamination caused by these products. One particular project in Eastern Washington State saved CFSA over one-half million dollars. The Portland District (NWP) completed three sites with expenditures totaling \$135K in FY 97. The Seattle District (NWS) performed work totaling \$166K at 12 sites in Washington in FY 97. The St. Paul District (MVP) provided design and construction services for remediating contaminated farm sites in Minnesota and Wisconsin with expenditures at \$87K. Total expenditures based on work accomplished in FY 97 for CFSA were \$534K. Total expenditures in FY 98 are estimated at \$869K.

Natural Resources Conservation Service (NRCS)

The Little Rock District (SWL) provided general architectural services in FY 97 and will continue to provide similar services in FY 98.

Rural Business and Cooperative Development Service (formerly FmHA)

SWL provided general architectural services for the Rural Development Agency in FY 97 and will continue work in FY 98.

US Forest Service (USFS)

NWP performed ongoing annual inspections and evaluations of the natural debris dams and outlet channels at Castle and Coldwater Lakes, and tunnel inspections at Spirit Lake (post Mount St. Helens eruption) and expended \$927K in FY 97 and estimates a \$110K program in FY 98. Los Angeles (SPL) and Sacramento (SPK) Districts are working together to construct a regional laboratory in Irvine, CA. Total expenditures based on work accomplished in FY 97 for USFS were approximately \$1.2M. Total expenditures in FY 98 are estimated at \$210K.

Department of Commerce (DOC)

Economic Development Administration (EDA)

EDA acquires properties when private sector parties default on government-guaranteed loans after having used the properties as collateral. The Corps and EDA entered into a MOA in 1991. The Corps provides a full range of environmental restoration activities at the properties EDA acquires. The Buffalo District (LRB) provided support for Remedial Design (RD)/Remedial Action (RA) efforts at Brainard, MN, Wisconsin Steel, IL, and J&J Castings in Minnesota in FY 97 for \$738K. The Detroit District (LRE) provided support by removing a UST, removing asbestos and additional contaminated materials, and managing site maintenance and security at the J&J Castings site in MN in FY 97 for approximately \$260K. Total expenditures based on work accomplished in FY 97 for EDA were approximately \$1.0M. No funding is provided and no program is anticipated in FY 98.

National Oceanic and Atmospheric Administration (NOAA)

The St. Louis District's (MVS) Technical Center of Expertise for Photogrammetric Mapping provided assistance for surveying and mapping in FY 97 and expects to continue support in FY 98. NWS completed environmental compliance assessments at 18 facilities, including three NOAA vessels; performed a comprehensive asbestos survey for a NOAA ship; began preparation of an asbestos Operation and Maintenance (O&M) Plan for NOAA ships; and prepared a landfill closure plan for the Pribilof Islands, AK. NWS expenditures based on work performed in FY 97 were \$268K. The program is estimated at \$200K in FY 98. Total expenditures based on work accomplished in FY 97 for NOAA were \$549K. Total expenditures in FY 98 are estimated at \$2.5M.

Department of Energy (DOE)

Environmental Assistance

In FY 97, the Kansas City District (NWK) expended approximately \$7.0M for disposal of low level radioactive and mixed wastes under a Naturally Occurring Radioactive Materials (NORM) contract, a sole source requirements contract that is available for use by any federal agency nationwide. Four DOE Operations offices shipped and disposed of waste via the NORM contract in FY97: Chicago Operations Office, \$185K; Ohio Operations Office, \$6.2M; Idaho Falls Operations Office, \$12K; and Kirtland Area Office, \$461K. Much of this waste is from sites that are part of the Formerly Used Sites Remedial Action Program (FUSRAP), which was transferred to the Corps, effective in FY 98. The Tulsa District (SWT) provided \$126K in environmental restoration assistance at Pantex Plant, Texas in FY 97. This completed the Corps' involvement in Pantex Plant's ER program. CERL provided support in building an energy simulation model for \$416K in FY 97 and estimates a total program of \$700K in FY 98. Total expenditures based on work accomplished in FY 97 for Environmental Assistance to DOE was approximately \$8.0M. Total expenditures in FY 98 are estimated at \$8.9M.

Federal Energy Technology Center (FETC)

The Huntington District successfully executed the "one door to the Corps" philosophy by brokering work to 15 other districts, CERL, CRREL and the CX-HTRW. Support was provided in six major areas: (1) environmental remediation; (2) National Environmental Policy Act (NEPA) compliance; (3) Decontamination and Decommissioning (D&D); (4) life cycle cost analysis; (5) assessment of advanced hazardous waste characterization and remediation technologies; and (6) design and inspection of clean coal technology systems. Total expenditures based on work accomplished in FY 97 for FETC were approximately \$5.3M and are estimated at \$4.0M in FY 98.

General Support

Bonneville Power Administration (BPA)

NWS continued the cultural resources program BPA at Albeni Falls, Idaho and Libby, Montana Dams and began the electrical system testing at Albeni Falls, Libby, and Chief Joseph Dams. Total FY 97 expenditures based on work accomplished for BPA in FY 97 were \$294K. Total expenditures in FY 98 are estimated at \$840K.

Lawrence Livermore Laboratory

The Waterways Experiment Station (WES) incorporated Parflow into the Department of Defense (DOD) Groundwater Modeling system at the Lawrence Livermore Laboratory; both DOE and DOD will have enhanced capabilities for remediation efforts. Parflow is a three-dimensional groundwater model developed by DOE for use in remediation. The FY 97 workload was \$100K.

Pantex Plant

SWT provided construction management support to the Pantex Plant for \$4.0M in FY97 and \$5.5M is projected for FY98. The Fort Worth District (SWF) is currently constructing mitigation sites that will include construction and interim maintenance. Expenditures were \$161K in FY 97. The FY 98 program is estimated at \$40K.

RCI Program and the D&D Program

The Corps supported the RCI Program and the D&D Program for the “C” Reactor at Hanford. It is anticipated that additional technical and construction management oversight as well as project management, information management, and cost engineering support will be provided to several DOE sites during FY 98. Total expenditures based on work performed in FY 97 were \$385K. NWS is estimating support to DOE in FY 98 for about \$400K.

Savannah River Site (SRS)

The Charleston District (SAC) provides support at SRS with infrastructure design and construction in support of the site restoration. WES is performing a feasibility study for SRS on the use of soil-erosion methods for recovering radioactive wastes from storage tanks. The research examines the efficiency of creating a network of erosion gullies as a method to remove the waste for processing. FY 97 expenditures were approximately \$3.7M. The program for FY 98 is estimated at \$3.5M.

Superconducting Super Collider (SSC)

SWF is currently constructing mitigation sites that will include construction and interim maintenance for the SSC project. Work accomplished in FY 97 totaled \$161K. Projected FY 98 workload is estimated at \$40K.

Uranium Mine Tailings Radiation Control Act (UMTRA)

NWO Real Estate Division continues to provide technical assistance transferring title documents from the states of Utah, Colorado, Texas and New Mexico under UMTRA and acquiring 30 year easements for ground water monitoring wells in Wyoming. Total expenditures based on work accomplished in FY 97 for general support were approximately \$18.0M. Total expenditures in FY 98 are estimated at \$7.6M.

Project Environmental Management/Ten Year Plans (TYPs)

DOE is preparing a series of TYPs to clean up contamination at several DOE sites across the country. The Corps has been given \$7.1M to conduct an independent assessment of the costs,

schedules, and technical baseline estimates supporting the TYPs; make recommendations for improving the estimates; identify areas for potential savings; and conduct detailed analyses as necessary. In FY 97, Headquarters Corps assigned the Walla Walla District (NWW) with the responsibility for the program management and field team leadership, coordination, and oversight for Project Environmental Management (Project EM). In Project EM, the Corps provides technical assistance for the assessment of the DOE's TYPs for Environmental Management at sites nationwide. Multidiscipline teams led by NWW with members from other Corps Districts, DOE, and Corps contractors conducted nationwide analyses for remediation of hazardous, toxic, and/or radioactive waste (HTRW) at DOE contaminated sites. The Corps conducted reviews at 13 DOE sites and provided 17 in-depth studies recommending \$2.0 billion in potential savings. Total expenditures based on work accomplished in FY 97 for Project EM/TYP were \$6.7M. Total expenditures in FY 98 are estimated to be \$4.0M.

Department of Health and Human Services (HHS)

Center for Disease Control (CDC)

SWF is scheduled to provide \$91K of environmental baseline surveys for National Institute for Occupational Safety and Health (NIOSH) at several locations during FY 98.

Food and Drug Administration (FDA)

NWK is the Program Manager (PM) for a national laboratory decommissioning program for the FDA Safety Office out of Rockville, Maryland. Contract expenditures in FY 97 were \$95K for Phase II Environmental Site Assessments (ESAs) at seven laboratory facilities. In addition, NWK worked with LRB to develop a budget and schedule proposal for the design and cleanup of the Buffalo FDA facility after the Phase II report was completed. This proposal saved FDA over \$90K and three months of schedule time as compared to previous estimates, and was accepted. LRB completed the design and contract award in just two months. This good news story is an excellent example of how the Corps can leverage its national network of district offices to provide seamless customer support. The FY 98 program is estimated at \$125K. SPL and SPK are working together to construct a regional laboratory in Irvine, CA for the FDA. Design is being performed by SPK; all other services (PM, real estate, and site mitigation) are being provided by SPL. Follow-on construction will also be performed by SPL. Expenditures in FY 97 were \$707K and FY 98 expenditures are estimated at \$300K. Total expenditures based on work accomplished for FDA in FY 97 were \$829K. FY 98 total expenditures are estimated at \$625K.

Indian Health Service (IHS)

The Alaska District (POA) continued to perform tank removals, site investigations, risk assessments, and remediations at four sites for the IHS. Total expenditures based on work accomplished for IHS in FY 97 were \$134K. FY 98 expenditures are estimated at \$904K.

Department of Housing and Urban Development (HUD)

The Corps provides support to HUD via Modernization and Development Programs. The Corps performs physical inspections, contract administration reviews, drawing and specification reviews and final inspections of HUD renovation grants with local Public Housing Authorities. Total expenditures based on work accomplished for HUD in FY 97 were approximately \$4.3M. Total expenditures in FY 98 are estimated at \$3.2M.

Department of Interior (DOI)

Bureau of Indian Affairs (BIA)

SAJ conducted flood plain analyses of the Tribal Seminole's Brighton Indian Reservation in FY 97. The Albuquerque District (SPA) performed three environmental assessments for public roads within the Navajo Nation in Arizona and New Mexico. SPA is also providing construction quality assurance on a bridge construction project near the Pemez Pueblo in New Mexico. SPK is providing assistance to Laytonville Rancheria in Northern CA. Expenditures in FY 97 were \$541K. The FY 98 program is estimated at \$150K. Total expenditures based on work accomplished in FY 97 for BIA were \$541K. Total expenditures in FY 98 are estimated to be \$275K.

Bureau of Land Management (BLM)

In FY 97, NWO provided environmental compliance assessments under the Compliance Assessment Safety, Health & the Environment Program (CASHE) at several BLM District or Resource Areas. In FY 98, NWO will investigate, design and perform Remedial Action of abandoned mines at two sites in Montana (Ermont and Linton Mills). FY 97 expenditures were \$159K and are estimated at \$200K for FY 98. NWS provided design, procurement, and construction management services for the design and construction of a temporary repository on BLM land and removed, mine tailings from several parcels of land owned by BLM in the Coeur d'Alene River, ID drainage basin. Approximately \$105K was expended in support of this work in FY 97. Depending upon the availability of funding, in FY 98 the district will design and construct a permanent repository and remove the remaining mine tailings at the site. Estimated expenditures for FY 98 work is \$1.0M. Total expenditures based on work accomplished in FY 97 for BLM were \$433K. Total expenditures in FY 98 are estimated to be \$1.5M.

Bureau of Mines

SPK will be cleaning abandoned mine tailings in FY 98 at estimated expenditures of \$1.0M.

Bureau of Reclamation (BOR)

NWK expended \$130K on two NORM disposal task orders in FY97 for two sites in Michigan, which the BOR Denver Regional Office is remediating on behalf of EPA Region V. FY 98 expenditures are estimated at \$130K. MVS provided surveying and mapping services for several

sites. FY 97 expenditures were \$667K and are estimated at \$500K for FY 98. SPL provided consultation services for \$103K in FY 97 and is estimated to perform \$90K of work in FY 98. Total expenditures based on work accomplished in FY 97 for BOR were approximately \$900K. Total expenditures in FY 98 are estimated at \$786K.

National Park Service (NPS)

The Nashville District (LRN) evaluated the erosion problem at Shiloh National Military Park in Tennessee. FY 97 expenditures were \$90K. FY 98 estimated expenditures are \$1.0M. The New Orleans District (MVN) is evaluating and designing coastal erosion protection controls along Lake Salvador. FY 97 expenditures were \$950K. FY 98 estimated expenditures are \$1.0M. The New England District (NAE) provided several environmental studies during FY 97. FY 97 expenditures were \$1.1M. FY 98 expenditures are estimated at \$2.8M. SAJ completed restoration work on the El Morro Fortress located in San Juan, Puerto Rico. Demolition of the Armed Bunker at El Morro is scheduled for Design and Construction during FY 98. Flood control work at the Fort Caroline National Park in Jacksonville, FL is ongoing. FY 97 expenditures for these projects were \$2.7M. The estimated workload for FY 98 is \$300K. SAJ also supports NPS at the Everglades National Park (ENP) in Florida on modified water deliveries. The plan of improvements consists of structural modifications and additions to the existing project required to enable water deliveries for the restoration of more natural hydrologic conditions in the ENP. FY 97 expenditures were \$7.9M and FY 98 expenditures are estimated at \$11.5M. Total expenditures based on work accomplished in FY 97 for NPS were \$13.7M. Total expenditures in FY 98 are estimated to be \$19.4M.

Office of Insular Affairs (OIA)

The Hawaii District (POH) manages improvement programs for public works operations and maintenance of infrastructure in the Federated States of Micronesia, Republic of the Marshall Islands, Republic of Palau, American Samoa, Guam, Commonwealth of the Northern Mariana Islands, and the US Virgin Islands. Long term institutionalized improvement activities include evaluating administrative, budget, accounting, technical and organizational changes. Funds expended in FY 97 were \$335K. Under the Compact of Free Association, POH is designing and constructing a 53-mile road system in the Republic of Palau. Major work items include preparation of a baseline estimate for the compact road, planning and coordination, environmental and explosive ordnance work, engineering and design and construction. Funds in the amount of \$9.3M were expended in FY 97. POH also provides technical assistance on the Capital Improvement Project grants program administration function. The service includes assistance to survey the collapsed Koror-Babeldaob Bridge. FY 97 expenditures were \$40K. Total expenditures based on work accomplished for OIA in FY 97 were \$9.7M. Total expenditures in FY 98 are estimated at \$9.4M.

U.S. Fish and Wildlife Service (USFWS)

The Huntington District (LRH) is constructing bank protection for Bat/Grape and Manchester Islands within the Ohio River. FY 97 expenditures totaled \$286K. FY 98 estimated expenditures are \$1.6M. LRB provided delineation and remediation of dioxin contamination at the Iroquois

National Wildlife Refuge at Alabama, NY for \$491K in FY 97. FY 98 estimated expenditures are \$60K. LRE supported the USFWS (in cooperation with the Michigan Department of Environmental Quality and the Saginaw Chippewa Tribe) by preparing plans and specifications for dredging in the Saginaw Bay. Approximately \$5K was expended in FY 97. Dredging is scheduled for FY 98 at an estimated \$5.3M. WES is conducting research to document changes in the distribution of aquatic vegetation in the Comal and San Marcos Rivers in Texas in order to develop adaptive management recommendations that could be implemented to preserve valuable habitat and to reestablish desirable vegetation. The FY 97 workload was \$346K. Total expenditures based on work accomplished in FY 97 for USFWS were \$7.5M. Total expenditures in FY 98 are estimated at approximately \$7.6M.

U. S. Geological Survey (USGS)

MVS completed floodplain mapping for designated portions of the Mississippi River floodplain. Expenditures totaled \$421K in FY 97 and are estimated at \$500K in FY 98. WES is supporting the Federal Geographic Data Committee (FGDC) in developing an integrated data content standard which can support multiple content and classification standards within a consistent data model. The goal of this project is to develop a nationally focused, comprehensive Integrated Geospatial Data Content Standard. The prototype was fully implemented in FY 97. The Topographic Engineering Center (TEC) is studying vegetative resistance to flow in the Everglades, providing topographic mapping and digital elevation data for the South Florida Ecosystem Restoration Project, drafting plans for contracted mapping, and writing scopes of work and government estimates for other projects in South Florida. In FY 97, expenditures were \$243K. Expenditures are estimated at \$250K in FY 98. Total expenditures based on work accomplished in FY 97 for USGS were approximately \$776K. Total expenditures in FY 98 are estimated at \$3.8M.

Department of Justice (DOJ)

Bureau of Prisons (BOP)

LRB is the regional PM for the BOP Mid-Atlantic Region. Work was performed at Alderson, WV, Petersburg, VA, Memphis, TN, and Cumberland, MD Federal Correctional Institutions in FY97. Geographic districts performed all work. FY 97 expenditures were \$593K. Estimated FY 98 workload is \$1.5M. LRH is providing assistance on demolition of three old asbestos laden dormitory buildings, construction of a new dormitory, and removal of USTs and replacing them with an Aboveground Storage Tank (AST) located on the Alderson Prison facility. FY 97 expenditures were approximately \$6.8M. Estimated FY 98 workload is \$280K.

SPL continued to support BPO facilities in the Southwest performing a variety of tasks including Wastewater Treatment Plant (WWTP), waterline, roofing and asbestos abatement. In addition, SPA is in its second year of asbestos abatement at BOP's La Tuna, NM facility. Total FY 97 workload was \$3.4M. Total program in FY 98 is estimated at \$8.6M.

SWF is providing environmental and infrastructure engineering and construction support to the South Central Regional Office in Dallas, TX. Work includes asbestos and lead based paint remediation at eight Federal Correction Centers, Federal Detention Camps, and Federal Medical Centers. Infrastructure work includes storm water drainage design and housing unit remodeling design. SPA is providing support at the La Tuna FDC in El Paso, TX and MVN has provided support at Oakdale Federal corrections Institution (FCI), LA.

Total expenditures based on work accomplished in FY 97 for BOP were approximately \$19.0M. Total expenditures in FY 98 are estimated at \$41.7M.

Drug Enforcement Administration (DEA)

The Corps is providing engineering, design, and construction services. The Corps performed a total of \$3.2M of infrastructure work in FY 97 and will perform \$17.6M of work in FY 98.

Federal Bureau of Investigation (FBI)

In FY 97, Huntsville Engineering and Support Center (HESC) completed procurement and installation services for an extensive electronic security system at the FBI's new Clarksburg, WV facility. Total expenditures based on work accomplished in FY 97 for FBI were \$1.5M. Total expenditures in FY 98 are estimated at \$1.6M.

Immigration and Naturalization Service (INS)

In December 1996, the INS asked the Corps of Engineers to propose a new business strategy and relationship designed to bring unparalleled support to INS in the planning, programming, design, and construction of INS facilities. The Corps succeeded in winning this mission in competition with General Services Administration, who submitted a similar proposal. The INS Service Center is located at the Fort Worth District and serves as INS's gateway to the Corps, allowing INS a single point of contact for their program management. The Center is responsible for representing the interests of INS within the Corps, for determining the best source of project execution among Corps Districts, and ensuring that the project is injected into the executing District's project management system. The Center tracks projects, with regards to both physical and financial status, provides periodic reports to INS, and serves as liaison between INS and the local Districts.

LRB provided support to the National Firearms Unit at Altoona, PA, by rehabilitation and conversion of a Naval Reserve Station into the NFU; at Wellesley Island, NY, by rehabilitation of a historic building for B.P. Station; at Ramey, Puerto Rico, with emergency roof repairs and support building construction (SAJ performed work in Puerto Rico). SAJ awarded a site preparation contract at the Krome (Miami, Florida) Detention Center. SPL is constructing a multi-tier fence along 14 miles of the US-Mexico border, and checkpoint facilities that include traffic inspection lanes, canopies, and an administration building. A high-tech Pre-inspected Automobile Lane (PAL) for commuters will be a key element of the checkpoint. SWF provided environmental and infrastructure

support at several locations. Environmental work includes petroleum contamination cleanup involving UST removal and site remediation at twenty-eight Border Patrol Stations. In FY 97, the Galveston District (SWG) performed approximately \$4.0M of work and estimates a \$17.0M program in FY 98. The Corps has approximately 14 infrastructure projects scheduled for planning, specifications and design in FY 98. Four of those projects plus three other previous design projects anticipate construction contracts awarded by the end of FY 98. Total expenditures based on work accomplished in FY 97 for INS were approximately \$12.0M. Total expenditures in FY 98 are estimated at \$63.0M.

United States Marshalls Service

SWT provided property assessments in support of seized properties.

Department of State (DOS)

International Joint Commission (IJC)

MVP provided environmental, hydraulic, and economic analyses pertaining to possible changes in Rainy Lake water level regulation in FY 97. Completion of hydraulic and economic work on Rainy Lake regulation study is anticipated in FY 98.

International Boundary Water Commission (IBWC)

SPA performed a hydraulic and sediment evaluation along the Rio Grande between Percha Dam, NM and American Diversion Dam, TX. FY 97 expenditures were approximately \$1.1M. FY 98 estimated expenditures are \$35K.

Narcotics Affairs Section

SAM provided aerial photography for the U.S. Embassy in Peru in FY 97 for \$250K.

Department of Transportation (DOT)

Federal Aviation Administration (FAA)

The Corps executed environmental compliance and occupational safety and health assessments for all nine FAA regions. Data was gathered and analyzed using a software program written by the Corps, design/construction contracts were managed, USTs were removed and replaced, contamination was cleaned up, PCB and asbestos surveys and abatement projects were conducted, and landfills were closed. Total expenditures based on work accomplished in FY 97 for FAA were approximately \$41.4M. Total expenditures in FY 98 are estimated at \$12.5M.

Federal Highway Administration (FHA)

In FY 97, NWO awarded a rapid response contract modification for remediation of groundwater and soil contamination from a formerly leaking underground storage tank at the FHA's Material Testing Laboratory (Building 52) at the Denver Federal Center. WES conducted an independent review of the FHA pavement studies to evaluate objectives and experimental design and make recommendations for the direction of the long-term pavement performance program. Total expenditures based on work accomplished in FY 97 for FHA were approximately \$3.7M. Total expenditures in FY 98 are estimated at \$12.5M.

U.S. Coast Guard (USCG)

SAJ provided support to include construction of pier facilities and dredging of access channels and turning basins. Maintenance dredging at Bayoro Harbor, FL is scheduled for completion in FY 98. FY 97 expenditures were \$200K. FY 98 expenditures are estimated at \$500K. SAM is providing environmental support at several locations in Alabama. The program includes performing construction and technical assistance to include environmental compliance work, tank testing /removal, contaminant removal, and other hazardous toxic waste cleanup. SAM Expenditures in FY 97 were \$579K. The Savannah District (SAS) completed the construction of a New Fuel Farm during FY 97 for approximately \$200K. WES investigated three small arms firing ranges owned and operated by the USCG to determine physical soil characteristics and contaminant types and concentrations. Laboratory analyses of soil samples were conducted to develop technologies for treatment of heavy metal-contaminated soils. Recommendations for a restoration program were developed. The FY 97 workload was \$219K. Total expenditures based on work accomplished in FY 97 for USCS were approximately \$1.7M. Total expenditures in FY 98 are estimated at \$600K.

U.S. Maritime Administration (MARAD)

SPL extended a pier for the Navy mothball fleet. Total FY 97 expenditures for MARAD were approximately \$643K.

Department of Treasury

Bureau of Engraving and Printing (BEP)

The Baltimore District (NAB) is closing out a construction contract and continues a three year maintenance contract. Expenditures in FY 97 were \$191K. FY 98 expenditures are estimated at \$200K.

Federal Law Enforcement Training Center (FLETC)

SAS is estimating Geographic Information Systems (GIS) and Master Plan work in the FY 98 program at approximately \$1.5M. Total FY 98 program is estimated at \$2.0M.

Internal Revenue Service (IRS)

The Louisville District (LRL) provided design and construction management services at Covington, KY in FY 97 for approximately \$382K. Total FY 97 expenditures were approximately \$1.0M. FY 98 projected expenditures are \$863K.

Secret Service

SAS continues to support environmental services including: field investigations, mapping and surveys, feasibility studies, site assessments, remedial response, compliance and prevention. FY 97 expenditures were approximately \$1.1M.

Department of Veterans Affairs (VA)

The Corps provides support to the Veterans Health Administration (VHA). POH is executing installation of gate valves at the National Cemetery of the Pacific. Funds in the amount of approximately \$6K were expended in FY 97. FY 98 expenditures are estimated at \$55K.

American Battle Monuments Commission (ABMC)

NAB is developing National Environmental Protection Act (NEPA) documentation and geotechnical investigation/analysis of the proposed design of the World War II Memorial. FY 97 expenditures were approximately \$200K. FY 98 expenditures are estimated at \$400K.

Environmental Protection Agency (EPA)

Brownfields

A new initiative began in FY 97 dealing with Brownfields, which are underutilized properties in urban settings that are not being redeveloped due to the actual or perceived presence of environmental contamination. In FY 97, LRB provided improvements of right-of-way for access to the Buffalo River Habitat Restoration Demonstration Project. NWK is formulating a proposal for submittal to Headquarters Corps for funding in FY 98 to become a pilot district. The goal of this designation is to provide support to the local Kansas City Brownfields Initiative in the areas of environmental site assessments, cost estimates, technical assistance and review, and ultimately remedial designs for clean up and redevelopment of selected, government-owned Brownfields properties. Discussions to support the City of Portland are ongoing. NWS will discuss options for supporting the Cities of Seattle and Tacoma. The Great Lakes and Ohio River Division (LRD) is negotiating with the city of Detroit to clear a large Brownfield area in the center of the city. FY 97 expenditures were approximately \$167K. FY 98 reimbursable program is estimated at \$750K.

Construction Grants

The Corps has been providing construction oversight for EPA's Waste Water Treatment Construction Grants program. The program is slowly being phased out, but the Corps still provides support in some locations as construction on funded projects continues. Total expenditures based on work accomplished in FY 97 for construction grants were approximately \$3.9M. Total expenditures in FY 98 are estimated at \$5.0M.

Ocean Dredge Disposal Sites Monitoring

This program consists of ongoing monitoring of dredge material at several sites. Total expenditures based on work accomplished in FY 97 for this program were approximately \$24K. Total expenditures in FY 98 are estimated to be \$100K.

Superfund

Since 1982, the Corps has supported the Superfund program by conducting remedial designs and remedial actions (construction), primarily by contract, for Superfund-financed projects. The Corps performs reviews, prepares studies, and provides enforcement oversight and real estate, remote sensing, and geographical information systems support under this program. Work completed in the FY 97 program totaled \$279.0M. In FY 98, the program is estimated at \$350.0M.

Other Support

NWO is identifying and designing wetland restoration for the Missouri River floodplain wetlands. Designs were completed in FY 97 and provided to the sponsor for construction in FY 98. WES is conducting several efforts using the WES-developed hydrogeomorphic (HGM) approach for wetland assessment. HGM models are being developed in California, Oregon, Florida, and coastal fringe wetlands along the western Gulf of Mexico. Workshops, training courses, and guidebooks for specific wetland types are included in the support to EPA for wetlands. The FY97 workload for HGM efforts for EPA was \$316K. Total expenditures based on work accomplished in FY 97 for other support were approximately \$23.3M. Total expenditures in FY 98 are estimated at \$16.4M.

Federal Emergency Management Agency (FEMA)

Emergency Broadcast Stations(EBS)/ Environmental Restoration (ER)

Corps districts are working on a nationwide program to bring all Emergency Broadcast Station (EBS) underground and above ground storage tanks into environmental compliance. In addition, the Corps is performing Quality Assurance (QA)/ Quality Control (QC) of documents. Expenditures based on work accomplished in FY 97 were approximately \$1.5M. Expenditures in FY 98 are estimated at \$1.3M.

Flood Insurance Studies (FIS) and Planning Studies

The Corps conducted FISs and related technical work in support of the National Flood

Insurance Program. These studies included determinations of flood risks and insurance rate zones, base flood elevations, floodway and flood profiles, and post flood environmental assessments. Expenditures based on work accomplished in FY 97 were approximately \$6.1M. Expenditures in FY 98 are estimated at \$4.0M.

Rapid Response/Emergency Operations

The Corps performed emergency disaster relief for Hurricane Fran, the California flood, the Upper Plains flood, and the Arkansas tornadoes in FY 97. Contracts for site assessment of debris at collection facilities, household and hazardous waste collection and disposal, and collection and transportation of construction and demolition debris containing asbestos for disaster relief as a result of Hurricane Fran were awarded. Projects included post flood damage survey reports, flood threat assessments, flood frequency analyses, heavy snow removal, and flood recovery support for California and North Dakota and management of cleanup efforts for the tornado that struck the central Arkansas area. Expenditures based on work accomplished in FY 97 were approximately \$146.1M. Expenditures in FY 98 are estimated at \$143.4M.

General Accounting Office (GAO)

NAB is providing design and construction assistance on the renovation of the 50-year old GAO Headquarters building in Washington, DC. This is a 1.1 million square foot, 7 floor building. Technical assistance includes oversight of several construction contracts and design management. FY 97 expenditures were approximately \$5.1M. FY 98 expenditures are estimated at \$5.1M.

General Services Administration (GSA)

NWK partnered with the Philadelphia District (NAP) to develop a scope of work for a remedial investigation of several leaking USTs for the former Belle Mead Federal Supply Depot in Hillsborough, NJ under a tasking from GSA Region 3. NWO awarded a Rapid Response contract for remediation for peeling paint from a metal roof coating for the Denver Federal Center in FY 97 for \$604K. In FY 98, oversight of the construction contract will continue at an estimated \$650K. SWF provided environmental support services for Historical Preservation and Archeological consultation, EAs, EDDAs, EISs, and Programmatic Environmental Impact Statements (PEIS) for \$210K in FY97 and estimates environmental work at \$278K for FY98. Expenditures based on work accomplished in FY 97 were approximately \$4.8M. Expenditures in FY 98 are estimated at \$973K.

Holocaust Memorial Museum (HMM)

NAB provides technical assistance with operation and maintenance work and contracting activities for several ongoing projects. Expenditures based on work accomplished in FY 97 were approximately \$267K. Expenditures in FY 98 are estimated at \$1.9M.

John F. Kennedy Center for the Performing Arts

NAB continued to provide technical support to the John F. Kennedy Center in FY 97 for \$10.2M. The Concert Hall Renovation is complete. FY 98 expenditures are estimated at \$1.0M.

National Aeronautics and Space Administration (NASA)

LRB conducted value engineering efforts for a NASA building design at the Lewis Research Center, Cleveland, OH. POH is currently providing engineering and construction services for the rehabilitation and modification of the Infrared Telescope Facility (IRTF), Mauna Kea, Hawaii. This contract for upgrading the shuttle dome was awarded in FY 96 and is scheduled for completion in FY 99. FY 97 expenditures were approximately \$759K. FY 98 expenditures are estimated at \$116K. The Cold Regions Research and Engineering Laboratory (CRL) is conducted field studies, analysis and modeling of wind blown snow. Expenditures based on work accomplished in FY 97 for NASA were approximately \$1.0M. Expenditures in FY 98 are estimated at \$304K.

National Science Foundation (NSF)

CRL is providing technical support for studies within the Arctic and Antarctic regions. Expenditures in FY 97 were approximately \$954K and are estimated at \$555K in FY 98.

Nuclear Regulatory Commission (NRC)

In FY 97, NWO provided technical support in developing and implementing NRC requirements for protection of nuclear power plants from terrorist attack. Throughout FY 97, the Corps provided site specific technical consultation for member utilities, and overall security program consulting with the NRC headquarters staff. No work or funding is anticipated in FY 98.

Panama Canal Commission (PCC)

The Corps of Engineers performed an operation and maintenance study for the Panama Canal. The study included documenting the current state of the canal's infrastructure; evaluating the present infrastructure maintenance program and using this information for assessing the current capital investment program and major maintenance projects; and providing recommendations as appropriate. The Corps study team consists of representatives from the Pittsburgh District (LRP), team leader, LRH, LRL and SAM. This study was completed in FY 97 with expenditures at \$369K. PCC also requested that LRL assist them in the oversight of construction of a 22 by 52-foot workboat. Expenditures were approximately \$710K. SAJ and SAM provided engineering and design and environmental remediation during FY 97 for \$1.1M. FY 98 expenditures for SAM are estimated at \$3.6M. WES performed field research to evaluate the seismic stability of Gatun Dam, Panama in FY 97 for \$250K. Total expenditures based on work accomplished in FY 97 for PCC were approximately \$4.2M. Expenditures in FY 98 are estimated at \$3.6M.

Small Business Administration (SBA)

In FY 97, NWO provided technical assistance to SBA for review of EPA prepared site assessment reports at the Albert City, IA Safewell Site. In FY 98, NWO will continue with technical review of remedial investigations, feasibility studies, preliminary assessments/site inspections and remedial design.

Tennessee Valley Authority (TVA)

CRL provided thermal testing and consulting for the Sequoyah Nuclear Power Plant in Chattanooga, Tennessee. CRL performed seismic shake table testing. LRN's Navigation Planning Center will perform a capacity analyses for the Kentucky Lock to estimate the impact (i.e., delay reduction, cost savings) of a switch boat operation currently underway at the lock. Also, TVA requested capacity estimates for Pickwick and Chickamauga locks. The FY 98 workload is estimated at \$400K.

U. S. Information Agency (USIA)

Since 1984, the Transatlantic Programs Center (TAC) has provided construction and design services for USIA. Work for the International Broadcasting Bureau (IBB) (formerly VOA) has taken place in Thailand, Morocco, Botswana, Sri Lanka, Kuwait, Sao Tome, and the Commonwealth of Mariana Islands. In FY 97, TAC concluded all work for IBB in support of their modernization program. Contract and program closeout actions will be completed in FY 98. In support of TAC, the Pacific Ocean Division (POD) is preparing environmental documentation for construction of a transmitter station on Tinian in the Commonwealth of the Northern Mariana Islands for IBB. This work will be concluded in FY 98. TAC has also provided construction supervision and inspection for USIA security upgrade projects in several countries. FY 97 expenditures were approximately

\$202K. FY 98 expenditures are estimated at \$170K.

B. STATE/LOCAL/TERRITORIAL/TRIBAL GOVERNMENTS

American Samoa Government

POH provided technical assistance in designing the Route One repair and associated shore protection. Funds of \$1.1M were expended in FY97. POD also provided technical support and assistance in the Ofu-Olosega Road improvements project; instructed and trained members of the Department of Public Works in designing and constructing coastal protection structures; and provided a concept design and cost to improve the Ta'u Road. FY 97 expenditures were approximately \$583K.

Cullman County, Alabama

LRN and SAM are jointly working on a water supply project for the Cullman-Morgan Water District in Alabama. Preliminary design for an Engineering Studies Report and an EIS are currently underway. Expenditures for FY 97 were \$841K, including \$345K in A/E contracts. FY 98 expenditures are estimated at \$1.9M including \$1.2M in A/E contracts. The estimated construction cost of the solution is \$38.6M.

City of Pittsburgh, Pennsylvania

As the project local sponsor, the City of Pittsburgh is responsible for all costs associated with utility relocations (design and construction) and real estate acquisition required for the construction of the Saw Mill Run Flood Control Project. LRP will manage design and construction for the necessary sewer relocations. LRP will also provide real estate and engineering services to acquire the required easements for the project. In FY 98 LRP will receive \$900K of which \$400K will be expended on Real Estate acquisition.

Arkansas Electric Cooperative Corporation (AECC)

SWL supported AECC by reviewing plans and specifications for hydropower plants at numerous sites along the McClellan-Kerr Arkansas River Navigation System.

Cowlitz County, Washington

In FY97, NWP was involved in three separate actions for Cowlitz Country: (1) A digital orthophoto data exchange; (2) a levee improvements contract; and (3) an embankment repair inspection at McCorkle Creek. FY 97 expenditures were \$282K.

Los Angeles Department of Airports

SPL is performing construction management to install runway lighting at two sites in Southern California. FY 97 contract amount is approximately \$1.6M.

Florida Department of Community Affairs

SAJ is beginning a carrying capacity study of the Florida Keys to determine the limiting factors of the region highways, water supply and wastewater treatment infrastructures. The effort is being closely coordinated with local, state, and federal agencies. FY 97 expenditures were \$134K. FY 98 expenditures are estimated at \$200K.

Puerto Rico Department of Natural & Environmental Resources

SAJ provided a design memorandum for the dredging and environmental restoration of 1.9 miles of the Martin Pena Canal. FY 97 expenditures were \$460K. FY 98 expenditures are estimated at \$440K.

State of Louisiana

WES is conducting a series of bioassays for the State of Louisiana Red Mud demonstration project to monitor benthic toxicity. The FY 97 workload was \$194K.

City of Long Beach, California

WES conducted several studies for the City of Long Beach in FY97. These included: scale model and water quality studies at the Port of Long Beach and numerical hydrodynamic and water quality model studies to assess the effect of the proposed corridor closure in the Los Angeles Harbor Pier 400 causeway. The FY 97 workload was \$169K.

South Carolina Port Authority

WES is conducting a navigation study and will make recommendations for channel improvements for the South Carolina Port Authority in the area near Drum Island. The effort includes three-dimensional current and sediment modeling and ship maneuvering simulation. The FY97 workload was \$659K.

South Florida Water Management District

In FY 97, WES conducted hydrogeomorphology studies of the Kissimmee River. FY 97 workload was \$145K.

C. PRIVATE FIRMS

Aquatic Ecosystem Research Foundation (AERF), Inc.

AERF, Inc. in Linden, Michigan performed cooperative research and development with WES to evaluate aquatic pest species control chemicals. FY 97 workload was \$148K.

McDonnell Douglas

McDonnell Douglas performed cooperative research and development with WES on camouflage, concealment, and deception (CCD) sensor technologies. The effort is to develop realistic scenarios, emplace targets, employ operationally tactically correct CCD, and collect ground truth data. The FY 97 workload was \$145K.

W.F. Baird and Associates

W.F. Baird and Associates of Madison, Wisconsin performed cooperative research and development with WES for CORE-LOC investigations in Oman. CORE-LOC, invented at WES, is a new generation optimized concrete armor unit for protecting coastal shoreline and navigation structures. Laboratory investigations will be conducted on use of the CORE-LOC Armor Design for a proposed breakwater at Khaboura, Oman. The FY 97 workload was \$90K.

Walk Haydel and Associates

Walk Haydel and Associates of New Orleans, LA, performed cooperative research and development with WES on coastal sedimentation. WES is to collect field data at the Port of Gulfport, MA, to establish baseline hydrodynamic and sedimentation conditions in the harbor. The FY 97 workload was \$76K.

D. INTERNATIONAL CUSTOMERS

Bahamas

SAJ completed an engineering assessment for flooding in the Pinewood Gardens Residential area in the Bahamas.

Canada

CRL will perform work for the Forest Engineering Research Institute of Canada to determine damage susceptibility of bituminous surfaced low volume roads.

North Atlantic Treaty Organization (NATO)

In FY 97, WES conducted research for NATO to assess the mobile command, control, and communications assets vulnerability to detection by mid-level altitude aerial reconnaissance as well as its predicted survivability against such attacks.

Norway

CRL participated in an environmental characterization at Norwegian Winter Blasting Tests use for measuring seismic and acoustic propagation.

Skawina Power Station, Poland

TAC is providing to the State Department (primary customer), the Agency for International Development (USAID) and DOE a concept design for the improvement/retrofit/repair of an existing forced oxidation flue gas desulfurization system for the Skawina Power Station in Poland. Work commenced in FY 97 and is scheduled for completion in FY 98. Follow-on TAC support of the final design and construction could result in late FY 98. FY 98 program expenditures are estimated at \$850K.

Sweden

CRL completed its project for the Fjarrvameutveckling validating a heat distribution model.

V. SUMMARY TABLE OF FY 97 WORKLOAD

AGENCY Subagency or Program	ENVIRONMENTAL (\$000)	INFRASTRUCTURE (\$000)	TOTAL (\$000)
DEPARTMENT OF AGRICULTURE (DOA)			2,196
US Forest Service (USFS)	0	1,164	
Other	775	257	
DEPARTMENT OF COMMERCE			1,547
Economic Development Administration (EDA)	998	0	
National Oceanic & Atmospheric Administration (NOAA)	271	278	
DEPARTMENT OF ENERGY (DOE)			39,577
Environmental Assistance	4,014	3,994	
Federal Energy Technology Center (FETC)	5,014	294	
General Support	18,154	367	
Project EM/Ten Year Plan(TYP)	7,740	0	
DEPT. OF HEALTH & HUMAN SERVICES (HHS)	256	707	963
DEPT. OF HOUSING & URBAN DEVELOPMENT (HUD)	158	4,123	4,281
DEPARTMENT OF INTERIOR (DOI)			55,738
National Park Service (NPS)	464	13,275	
Office of Insular Affairs (OIA)	0	9,668	
US Fish and Wildlife Service (USF&WS)	2,624	27,056	
Other	1,258	1,393	
DEPARTMENT OF JUSTICE (DOJ)			35,832
Bureau of Prisons (BOP)	3,240	15,835	
Drug Enforcement Agency (DEA)	0	3,171	
Federal Bureau of Investigation (FBI)	0	1,509	
Immigration & Naturalization Service (INS)	444	11,505	
Other	122	6	
DEPARTMENT OF STATE (DOS)			1,578
International Boundary Water Commission (IBWC)	1,057	0	
Other	0	521	
DEPARTMENT OF TRANSPORTATION (DOT)			47,427
Federal Aviation Administration (FAA)	9,798	31,591	
Federal Highway Administration (FHA)	1,939	1,712	
U.S. Coast Guard (USCG)	219	1,525	
Other	0	643	
DEPARTMENT OF TREASURY			2,121
Internal Revenue Service (IRS)	0	1,023	
Secret Service	1,071	7	
Other	0	20	
ENVIRONMENTAL PROTECTION AGENCY (EPA)			348,739
Construction Grants	15	3,872	
Superfund	321,117	0	
Other (Construction., Technical., & RE)	23,216	519	
FEDERAL EMERGENCY MGMT AGENCY (FEMA)			153,772
Flood Insurance and Planning Studies	197	5,940	
Rapid Response/Emergency Operations	1,899	144,226	
EBS/ER	997	513	
GENERAL ACCOUNTING OFFICE (GAO)	0	5,145	5,145
GENERAL SERVICES ADMINISTRATION (GSA)	1,250	3,500	4,750
JFK CENTER FOR THE PERFORMING ARTS	0	10,227	10,227
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	0	1,006	1,006
NATIONAL SCIENCE FOUNDATION	0	954	954
PANAMA CANAL COMMISSION (PCC)	0	4,154	4,154
OTHER			36,084
State/Local/Territorial Governments	4,389	21,495	
Private	224	437	
International	0	325	
Other Federal Agencies	1,491	7,722	
TOTAL	414,411	341,870	756,281

Note: Agencies with total programs *not* approximating \$1M are listed as "Other Federal Agencies".

V. SUMMARY TABLE OF FY 98 PROGRAM

AGENCY Subagency or Program	ENVIRONMENTAL (\$000)	INFRASTRUCTURE (\$000)	TOTAL (\$000)
DEPARTMENT OF AGRICULTURE (DOA)	1,234	604	1,838
DEPARTMENT OF COMMERCE			2,507
National Oceanic & Atmospheric Administration (NOAA)	300	2,207	
DEPARTMENT OF ENERGY (DOE)			25,496
Environmental Assistance	3,402	5,463	
Federal Energy Technology Center (FETC)	4,352	0	
General Support	6,332	1,947	
Project EM/Ten Year Plan(TYP)	4,000	0	
DEPT. OF HEALTH & HUMAN SERVICES	1,229	300	1,529
DEPT. OF HOUSING & URBAN DEVELOPMENT	372	2,860	3,232
DEPARTMENT OF INTERIOR (DOI)			43,773
Bureau of Land Management (BLM)	1,330	153	
Bureau of Mines	0	1,000	
Bureau of Reclamation (BOR)	180	606	
National Park Service (NPS)	1,795	17,653	
Office of Insular Affairs (OIA)	0	9,415	
US Fish and Wildlife Service (USF&WS)	6,898	670	
US Geological Survey (USGS)	250	3,548	
Other	150	125	
DEPARTMENT OF JUSTICE (DOJ)			124,244
Bureau of Prisons (BOP)	2,746	39,051	
Drug Enforcement Agency (DEA)	0	17,573	
Federal Bureau of Investigation (FBI)	0	1,616	
Immigration & Naturalization Service (INS)	20,340	42,733	
Other	49	136	
DEPARTMENT OF STATE	1,435	145	1,580
DEPARTMENT OF TRANSPORTATION (DOT)			14,997
Federal Aviation Administration (FAA)	7,440	5,098	
Federal Highway Administration (FHA)	10	1,743	
Other	23	683	
DEPARTMENT OF TREASURY	1,000	1,883	3,083
ENVIRONMENTAL PROTECTION AGENCY (EPA)			372,610
Construction Grants	50	4,995	
Superfund	350,000	0	
Other (Constr., Techn., & RE)	8,786	8,779	
FEDERAL EMERGENCY MGMT AGENCY (FEMA)			148,682
Flood Insurance and Planning Studies	1,411	2,595	
Rapid Response/Emergency Operations	200	143,200	
EBS/ER	996	280	
GENERAL ACCOUNTING OFFICE (GAO)	0	5,133	5,133
HOLOCAUST MEMORIAL MUSEUM	0	1,933	1,933
JFK CENTER FOR THE PERFORMING ARTS	0	1,033	1,033
PANAMA CANAL COMMISSION	0	3,648	3,648
OTHER			45,739
State/Local/Territorial Governments	6,579	19,178	
Private	0	296	
International	3,362	6,903	
Other Federal Agencies	3,397	6,474	
TOTAL	439,648	361,859	801,507

Note: Agencies with total programs *not* approximating \$1M are listed as "Other Federal Agencies".

LIST OF ACRONYMS

ABMC	American Battle Monuments Commission
AECC	Arkansas Electric Cooperative Corporation
AERF	Aquatic Ecosystem Research Foundation
ARS	Agricultural Research Services
AST	Aboveground Storage Tank
BEP	Bureau of Engraving and Printing
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BOP	Bureau of Prisons
BOR	Bureau of Reclamation
BPA	Bonneville Power Administration
CASHE	Compliance Assessment - Safety, Health And The Environment Program
CCC	Commodity Credit Corporation
CCD	Camouflage, Concealment and Deception
CDC	Center for Disease Control
CERL	Construction Engineering Research Laboratory
CFSA	Consolidated Farm Service Agency
Corps	U. S. Army Corps of Engineers
CRL	Cold Regions Research and Engineering Laboratory
D&D	Decontamination And Decommissioning
DEA	Drug Enforcement Administration
DOA	Department of Agriculture
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOJ	Department of Justice
DOS	Department of State
DOT	Department of Transportation
EBS	Emergency Broadcast System
EDA	Economic Development Administration
EPA	Environmental Protection Agency
EIS	Environmental Impact Statement
ER	Environmental Restoration
ESA	Environmental Site Assessment
FAA	Federal Aviation Administration
FBI	Federal Bureau of Investigation
FDA	Food and Drug Administration
FGDC	Federal Geographic Data Committee
FEMA	Federal Emergency Management Agency
FETC	Federal Energy Technology Center

FHA	Federal Highway Administration
FIS	Flood Insurance Study
FLETC	Federal Law Enforcement Training Center
FTE	Full Time Equivalent
FUSRAP	Formerly Used Sites Remedial Action Program
FY	Fiscal Year
GAO	General Accounting Office
GIS	Geographic Information System
GSA	General Services Administration
HESC	Huntsville Engineering and Support Center
HHS	Department of Health and Human Services
HGM	Hydrogeomorphic
HTRW	Hazardous Toxic and/or Radioactive Waste
HUD	Department of Housing and Urban Development
IA	Interagency Agreement
IBB	International Broadcasting Bureau
IBWC	International Boundary Water Commission
IHS	Indian Health Services
IJC	International Joint Commission
INEL	Idaho National Engineering Laboratory
INS	Immigration and Naturalization Service
IRS	Internal Revenue Service
IRTF	Infrared Telescope Facility
LRB	Buffalo District
LRD	Great Lakes and Ohio River Division
LRE	Detroit District
LRH	Huntington District
LRL	Louisville District
LRN	Nashville District
LRP	Pittsburgh District
MARAD	Maritime Administration
MOA	Memorandum of Agreement
MQF	Melalueca Quarantine Facility
MVN	New Orleans District
MVP	St. Paul District
MVS	St. Louis District
NAB	Baltimore District
NAE	New England District
NAP	Philadelphia District
NATO	North Atlantic Treaty Organization
NEPA	National Environmental Policy Act
NASA	National Aeronautics and Space Administration
NIOSH	National Institute for Occupational Safety and Health

NOAA	National Oceanic and Atmospheric Administration
NORM	Naturally-Occurring Radioactive Materials
NPS	National Park Service
NRC	Nuclear Regulatory Commission
NRCS	Natural Resources Conservation Service
NSF	National Science Foundation
NWK	Kansas City District
NWO	Omaha District
NWP	Portland District
NWS	Seattle District
NWW	Walla Walla District
O&M	Operation and Maintenance
OIA	Office of Insular Affairs
OIIS	Office of Interagency and Intergovernmental Support
OMB	Office of Management and Budget
PAL	Pre-inspection Automobile Lane
PCC	Panama Canal Commission
PEIS	Programmatic Environmental Impact Statements
POA	Alaska District
POD	Pacific Ocean Division
POH	Hawaii District
Project EM	Project Environmental Management
PM	Program Management
RCI	Rapid Commercialization Initiative
RD/RA	Remedial Design/Remedial Action
SAC	Charleston District
SAJ	Jacksonville District
SAM	Mobile District
SAS	Savannah District
SBA	Small Business Administration
SPA	Albuquerque District
SPK	Sacramento District
SPL	Los Angeles District
SRS	Savannah River Site
SSC	Superconducting super collider
SFWMD	South Florida Water Management District
SWF	Fort Worth District
SWG	Galveston District
SWL	Little Rock District
SWT	Tulsa District
TAC	Transatlantic Programs Center
TEC	Topographic Engineering Center
TVA	Tennessee Valley Authority

TYP	Ten Year Plan
UMTRA	Uranium Mill Tailings Remedial Action
USAID	United States Agency for International Development
USCG	United States Coast Guard
USFWS	United States Fish and Wildlife Service
USFS	United States Forest Service
USGS	United States Geological Survey
USIA	United States Information Agency
UST	Underground Storage Tank
VA	Veterans Affairs
VHA	Veterans Health Administration
WES	Waterways Experiment Station
WWTP	Wastewater Treatment Plant
QA	Quality Assurance
QC	Quality Control